

**Fulcrum Resources Environmental**

517 S. Ivy Avenue, Monrovia, CA 91016

Tel 800.385.7105 Fax 800.385.7126

July 17, 2019

Ms. Christine Bucklin
Department of Toxic Substance Control, Geological Branch Unit 3
5796 Corporate Avenue
Cypress, California 90630
&
Mr. Kenneth Truong

Subject: Well Abandonment for Groundwater Monitoring Well E2
4304 Temple City Boulevard
Rosemead, California 91770

Fulcrum Resources Environmental Investigation Report Number(s): 201905-5628

Dear Ms. Bucklin

This report documents well abandonment activities conducted by Fulcrum Resources Environmental, Inc. (Fulcrum) at 4304 Temple City Boulevard in Rosemead, California (Site) (Figures 1 and 2). Well abandonment activities were conducted for groundwater well E2 in response to email correspondence received from the Department of Toxic Substances (DTSC) dated from May, 2019.

PRE WELL ABANDONMENT ACTIVITIES AND METHODOLOGY

Prior to abandonment of the groundwater monitoring well, an attempt to gauge and collect a groundwater sample was conducted by Fulcrum per request by the Department of Toxic Substance Control (DTSC). However, the well was determined to be dry and no sample was obtainable. Therefore, Fulcrum proceeded with the well abandonment activities.

WELL ABDONMENT ACTIVITIES

On June 21, 2019, Fulcrum obtained a well permit from the County of Los Angeles Department of Public Health – Drinking Water Program (CLADPH-DWP) for the destruction of one groundwater monitoring well. On June 21, 2019 one 2-inch PVC groundwater monitoring well to 105-feet below ground surface (bgs) was abandoned under the supervision of a California Licensed Professional Geologist. Well E2 was destroyed in general accordance with the California Well Standards Bulletin 74-90 (Part III, Destruction of Monitoring Wells). Copies of all permits used for well abandonment activities are presented in Appendix C. Well abandonment activities via drilling commenced at approximately 8:00am, utilizing nineteen 5-feet in length augers to a maximum depth of 105-feet bgs. A depth of 105-feet bgs was achieved at approximately 10:52am. Waste soils generated during drilling activities were stored on-Site in a total of five 55-gallon drums. Pouring of cement into the drilled well commenced at approximately 11:30am and was completed at approximately 12:00pm. The abandoned well was



topped off with concrete and smoothed over with a trowel. Well abandonment activities were completed at approximately 12:58pm. All waste generated during on-Site well abandonment activities were temporarily stored on site in six 55-gallon drums and will be subsequently disposed of by a licensed waste hauler. Disposal Documentation will be forwarded in an addendum to this report.

We greatly appreciate the opportunity to provide the environmental service.

Please feel free to contact us should you have any additional questions.

Sincerely,

Environmental Professional, Senior Geologist

Printed Name: Don Kellar, MS, NREP, PG#9192

Figure 1: Site Location Map

Figure 2: Well Location Map

Appendix A: Photographs

Appendix B: Permit



Figure 1: Site Location Map

Project Number: 201905-5628



Property Address:

4304 Temple City Boulevard
Rosemead, CA 91770



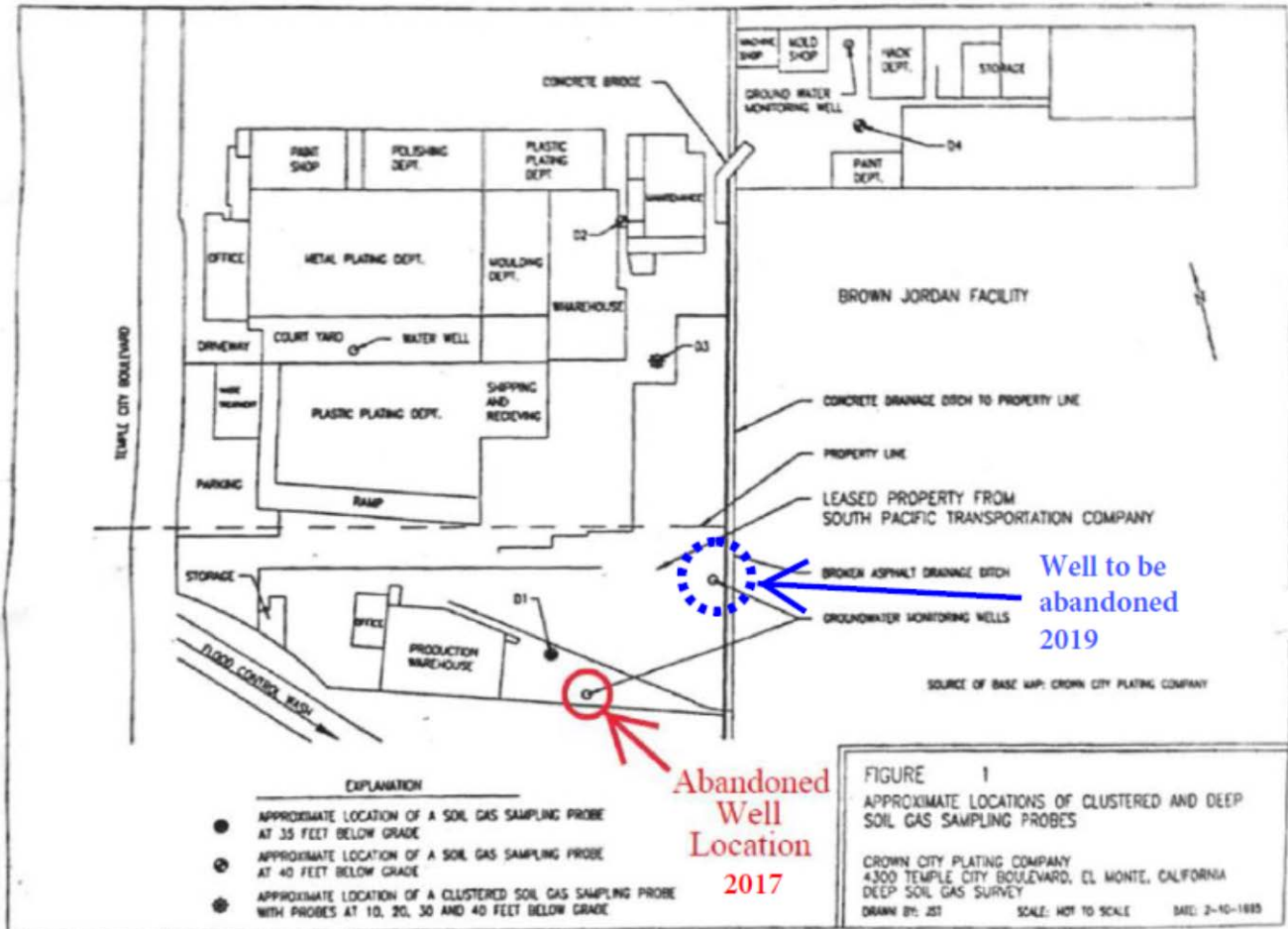


Figure 2: Site Vicinity Sketch with Location of Abandoned Well

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 4304 Temple City Boulevard
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Appendix A
PHOTOGRAPHS

Photo 1. View of first auger entering the well at approximately 8:00am.



Photo 2. View of waste soil from well abandonment drilling.



Photo 3. View of final auger entering well at 9:26am to a maximum depth of 95-feet bgs.



Photo 4. View of cement mixing.



Photo 5. View of cement being poured into the well.



Photo 6. View of well with cement settling and waste soil drums.



Photo 7. View of abandoned well being topped off with cement.



Photo 8. View of abandoned well finished off with cement.



Photo 9. Finalization of abandoned well with cement and five 55-gallon waste soil drums.



Appendix B
PERMITS



ENVIRONMENTAL HEALTH

Drinking Water Program



5050 Commerce Drive, Baldwin Park, CA 91706
Telephone: (626) 430-5420 • Facsimile: (626) 813-3013 • Email: waterquality@ph.lacounty.gov
http://publichealth.lacounty.gov/eh/ep/dw/dw_main.htm

SR0184547

4304 Temple City Boulevard, El Monte, CA 91731 Work Plan Approval

WORK SITE ADDRESS	CITY	ZIP	EMAIL ADDRESS FOR WELL PERMIT APPROVAL
4304 Temple City Boulevard	El Monte	91731	tiffany@frenviro.com

NOTICE:

- WORK PLAN APPROVALS ARE VALID FOR 180 DAYS. 30 DAY EXTENSIONS OF WORK PLAN APPROVALS ARE CONSIDERED ON AN INDIVIDUAL (CASE-BY-CASE) BASIS AND MAY BE SUBJECT TO ADDITIONAL PLAN REVIEW FEES (HOURLY RATE AS APPLICABLE).
- WORK PLAN MODIFICATIONS MAY BE REQUIRED IF WELL AND GEOLOGIC CONDITIONS ENCOUNTERED AT THE SITE INSPECTION ARE FOUND TO DIFFER FROM THE SCOPE OF WORK PRESENTED TO THE DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM.
- WORK PLAN APPROVALS ARE LIMITED TO COMPLIANCE WITH THE CALIFORNIA WELL STANDARDS AND THE LOS ANGELES COUNTY CODE AND DOES NOT GRANT ANY RIGHTS TO CONSTRUCT, RENOVATE, OR DECOMMISSION ANY WELL. THE APPLICANT IS RESPONSIBLE FOR SECURING ALL OTHER NECESSARY PERMITS SUCH AS WATER RIGHTS, PROPERTY RIGHTS, COASTAL COMMISSION APPROVALS, USE COVENANTS, ENCROACHMENT PERMISSIONS, UTILITY LINE SETBACKS, CITY/COUNTY PUBLIC WORKS RIGHTS OF WAY, ETC.
- THIS PERMIT IS NOT COMPLETE UNTIL ALL OF THE FOLLOWING REQUIREMENTS ARE SIGNED BY THE DEPUTY HEALTH OFFICER. WORK SHALL NOT BE INITIATED WITHOUT A WORK PLAN APPROVAL STAMPED BY THE DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM.
- **ONCE APPROVED NOTIFY INSPECTOR AT ytaye@ph.lacounty.gov PREFERABLY 3 BUSINESS DAYS BEFORE WORK IS SCHEDULED TO BEGIN.**

TO BE COMPLETED BY DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM:

WORK PLAN APPROVED (1 monitoring well decommissioning)

DATE: June 13, 2019

ADDITIONAL APPROVAL CONDITIONS:

- Work plan approval is issued for scope of work submitted to the Drinking Water Program. Any modifications to the scope of work will require additional work plan review.
- Ensure to backfill using a tremie pipe or equivalent, proceeding upward from the bottom of the boring.
- The decommissioning of wells must comply with all applicable requirements published in the [California Well Standards \(Bulletins 74-81 and 74-90\)](#) and [Los Angeles County Code](#).
- Submit well completion report/log to ytaye@ph.lacounty.gov within 30 days from the date its decommissioning is completed.
- Drillers shall submit their well completion reports to the Department of Water Resources through the Online System of Well Completion Reports (OSWCR) at https://civinet.resources.ca.gov/DWR_WELLS.



REHS NO. 7115
Yonas Taye
Yonas Taye, REHS

☒ ANNULAR SEAL FINAL INSPECTION REQUIRED

DATE ACCEPTED: REHS signature

☒ WELL COMPLETION LOG REQUIRED

DATE ACCEPTED: REHS signature

☐ WATER QUALITY—BACTERIOLOGICAL STANDARDS REQUIRED

DATE ACCEPTED: REHS signature

☐ WATER QUALITY—CHEMICAL STANDARDS REQUIRED

DATE ACCEPTED: REHS signature

☐ WATER SUPPLY YIELD REQUIRED

DATE ACCEPTED: REHS signature

☐ OTHER REQUIREMENT

DATE ACCEPTED: REHS signature

